

Final Year Project Report
Lahore Events



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University of Management and Technology
C-II Johar Town Lahore Pakistan

Dedication

As we know that the final year project of the degree is one of the most important things in your professional and as well as personal life. So we want to dedicate our work to our parents and the teachers who always withstand with us to take us to some better place in the world by believing in us. By the grace of God and the prayers of our parents and the support of our teachers, we are able to complete our last stage of Graduation.

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Final Approval

Panel of Examiners

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Acknowledgement

In the name of ALLAH the most beneficent and the most merciful. Without the blessings of his upon us, we were not able to get success in our lives and in our project.

We would like to pay our gratitude to our project advisor Ms. Tahreem Yasir. Without her help and the innovative ideas she gave. This could not have been possible, we are very thankful to her for helping us and making us put our efforts into it so that we could devise a solution to every problem and guided where needed. Without her help this could not have been possible, we thank her and Allah Almighty for making us able to finish the project.

And at last, we would like to thank our parents for all of their prayers, and to all of the people who have always supported and helped us either directly or indirectly or silently for the completion of our project.

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Project's Title: Lahore Events

Objective: The project's motive is to address the need of information of events occurring in Lahore. To provide a fast and simple platform where enthusiasts can come and get information about their desired events. As nowadays there is a lot of things happening in Lahore but the pipeline of information is too narrow. The main purpose of the project is to hunt for information about those events and give the user the chance to be aware of them. Things are always easy when you know where to find them. And this is what we opt to do in this project.

Lahore events will give users a platform which they require and will provide the best results along with the information of time, place, ticket and route.

Different techniques have been used to acquire and authenticate data which are further discussed in the document.

Undertaken by Omar Latif, Wahab Saleem, Abdul Hadi Mushtaq

Supervised by Ms. Tahreem Yasir

Starting Date January, 2016

Completion Date April, 2017

Tools Used

- HTML
- Bootstrap
- Java-Scripts
- PHP (Back-end)
- Database: Microsoft SQL Server 2005/2012.

Operating System

- Windows OS
- Windows Webserver
- Linux

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ABSTRACT

This system allows the user to search all the events occurring in Lahore and provide a complete description of the event. As we wanted to make the system generic, the main problem which we had was to make it diverse. There are no other websites which can provide the information for all the events occurring in Lahore under one platform. There are other companies working to promote events but they are only targeting their own events. And the biggest problem faced by us was to gather authentic information and then make it easy enough to share it with the others. Now in order to solve this problem we came up with a solution of data crawlers also known as web spiders. A widely used technique by Google, in order to get the web pages indexed and keeps them into their own database. We started off with the basic technique used by Google which uses spiders and crawlers to look for the relevant page out of thousands depending on the key phrase typed. Once Google searches with the help of spiders and crawlers it starts navigating through to find the correct information by reading the content and Meta tags, now that it finds the relevant information with correct guidelines and parameters it displays the best result at the top. Just like this, the system will use the same principle to find the relevant information about the event and deliver the best search results to the user.

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DEFINITIONS AND ACRONYMS

Acronyms	Definitions
GPS	Global Positioning System
HTML	Hyper Text Markup Language
HTTP	Hyper Text Transfer Protocol
J&S	Jalal & Satti
PC	Personal Computer
PHP	Personal Home-Page
QOS	Quality of Service
SQL	Standardized Query Language
UMT	University of Management and Technology
URL	Uniform Resource Locator
Wi-Fi	Wireless Fidelity

Table 1: Definition and Acronyms

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1. INTRODUCTION

1.1 Motivation

In the modern era, the time has changed with the progress the modern world made. This gave birth to the social media. People these days are posting event on different social media which is quite difficult for people to track it down. These events reflect the culture of our country and people are very fond of it. Now it arise the need for gathering information. So far there is no pipeline of authentic information and fast retrieval. So we decided to build a standard platform where one can find information about the desired event along with GPS location and countdown timer. A single platform for viewers and companies responsible for the event, so far there is no such web-based application. The main focus of the application is to hunt for correct data from all of the sites showing the events.

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